

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

[y\[1\] w\[*\]; P{w\[+m*\]=nSyb-GAL4.S}3](#)

RRID:BDSC_51635

Type: Organism

Proper Citation

RRID:BDSC_51635

Organism Information

URL: <https://n2t.net/bdsc:51635>

Proper Citation: RRID:BDSC_51635

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Julie Simpson, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4, nSyb, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 51635

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51635, BL51635

Organism Name: y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3

Record Creation Time: 20240911T222757+0000

Record Last Update: 20260801T195427+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3.

No alerts have been found for y[1] w[*]; P{w[+m*]=nSyb-GAL4.S}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 100 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology : CB*, 36(2), 387.

Zhang T, et al. (2025) Metaxin-2 tunes mitochondrial transportation and neuronal function in *Drosophila*. *Genetics*, 229(2).

Easwaran S, et al. (2025) A genome-wide association study implicates the olfactory system in *Drosophila melanogaster* diapause-associated lifespan extension and fecundity. *eLife*, 13.

Higginson LA, et al. (2025) The RNA exosome maintains cellular RNA homeostasis by controlling transcript abundance in the brain. *Cell reports*, 45(1), 116729.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in *Drosophila*. *Development (Cambridge, England)*, 152(9).

Karge RA, et al. (2025) Modeling AP2M1 developmental and epileptic encephalopathy in *Drosophila*. *Disease models & mechanisms*, 18(11).

Someya M, et al. (2025) Distinct circuit motifs evaluate opposing innate values of odors. *Cell*.

Ahern-Djamali S, et al. (2025) Innate immunity pathways activate cell proliferation after penetrating traumatic brain injury in adult *Drosophila*. *Fly*, 19(1), 2586357.

Lin J, et al. (2025) Microproteins Simba1 and Simba2 activate Wingless signaling during the reactivation of neural stem cells in *Drosophila*. *Nature communications*, 16(1), 11651.

Feghhi T, et al. (2025) Bichromatic Exon-Reporters Reveal Voltage-Gated Ca²⁺-Channel Splice-Isoform Diversity across *Drosophila* Neurons In Vivo. *eNeuro*, 12(8).

Chen J, et al. (2025) The ER thioredoxin-related transmembrane protein TMX2 controls redox-mediated tethering of ER-mitochondria contacts. *Cell reports*, 44(11), 116486.

Park YJ, et al. (2025) Distinct systemic impacts of A β 42 and Tau revealed by whole-organism snRNA-seq. *Neuron*, 113(13), 2065.

Bervoets S, et al. (2025) dArc1 controls sugar reward valuation in *Drosophila melanogaster*. *Current biology : CB*, 35(17), 4188.

Suarez GO, et al. (2025) Neurofibromin Deficiency Alters the Patterning and Prioritization of Motor Behaviors in a State-Dependent Manner. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(16).

Chang YC, et al. (2025) Peripheral glia and neurons jointly regulate activity-induced synaptic remodeling at the *Drosophila* neuromuscular junction. *eLife*, 14.

Gerdy V, et al. (2025) TET exhibits enzymatic-independent and-dependent functions during *Drosophila* flight muscle development and aging. *Skeletal muscle*, 15(1), 30.

Meschi E, et al. (2024) Compensatory enhancement of input maintains aversive dopaminergic reinforcement in hungry *Drosophila*. *Neuron*, 112(14), 2315.

Draper IR, et al. (2024) *Drosophila* noktochor regulates night sleep via a local mushroom body circuit. *iScience*, 27(3), 109106.

Hérault C, et al. (2024) Cellular sex throughout the organism underlies somatic sexual differentiation. *Nature communications*, 15(1), 6925.

Banerjee S, et al. (2024) Trio preserves motor synapses and prolongs motor ability during aging. *Cell reports*, 43(6), 114256.